

ALGORITHM OF SPEECH SYNTHESIS AND ITS IMPLEMENTATION
AS A MOBILE APPLICATION ON IOS// Master's work // Natalia Palahniuk // Ivan Pul'uj National Technical University of Ternopil, Faculty of Computer Information Systems and Software Engineering, Department of Software Engineering, group SPm - 61 // Ternopil, 2014 // p. - , pic. - , tab. - , app. -

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This paper investigates the problem were related to speech syntesis of Ukrainian language and are considered some of the ways to solve them. Based on the analysis developed mobile application targeted at mobile devices based on iOS platform using ready solutions among other languages, and modified their methods to engage synthesis Ukrainian speech.

For this study was elected unified software development process with an iterative approach. The developed application opens a text file and "read aloud" its contents. The user can select the language for the synthesis (must match the language of the text), in particular, created the possibility of synthesis in Ukrainian.